

Appin. No.: 10/091,098
Amendment Dated January 29, 2007
Reply to Office Action of October 30, 2006

MATP-622US

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Amendments to the Claims: This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

1. (Currently Amended) A set top box comprising:

a first port for receiving a data signal that represents a plurality of lines of caption text and respective independent amounts of display time for respective to selected lines of the plurality of lines;

a second port for receiving a video signal; and

a video processor responsive to the data signal for generating a further signal that represents the caption text and for combining the further signal with the video signal to provide an output video signal; and

wherein the video processor includes an on-screen display for converting the caption text into a video image and a memory for holding the selected lines of the captioned text for an amount of time substantially equal to the assigned respective independent amount of display time and the video processor combines the video image and the video signal to form the output video signal.

2. (Canceled)

3. (Original) The set top box of claim 1 wherein the video processor includes a closed caption encoder for encoding the video signal with the caption text to form the output video signal.

4. (Original) The set top box of claim 1 additionally comprising:

a computer readable carrier that includes computer readable software for use with a computer, wherein the computer readable software causes the computer to transmit the caption text to the first port of the set top box.

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5. (Currently Amended) A method of combining caption text and a video signal comprising:

receiving caption text in a first port of a set top box;

assigning respective independent amounts of display time to respective selected lines of the plurality of lines of the caption text;

receiving a video signal in a second port of the set top box;

holding the selected lines of the captioned text for an amount of time substantially equal to the assigned respective independent amount of display time;

combining the caption text and the video signal into an output video signal.

6. (Original) The method of claim 5 further comprising the step of:

converting the caption text into a video image.

7. (Original) The method of claim 5 wherein the step of combining includes encoding the video signal with the caption text as closed caption data.

8. (Original) The method of claim 5 further comprising the steps of:

receiving, in a video recording device, said output video signal; and

recording said output video signal onto a video storage medium.

9. (Currently Amended) A video captioning system comprising:

a computer including caption text;

a set top box including,

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a first port for receiving a data signal from the computer that represents a plurality of lines of the caption text and respective independent amounts of display time for selected lines of the plurality of lines;

a second port for receiving a video signal from a video source; and

a video processor responsive to the data signal for generating a further signal that represents the caption text and for combining the further signal with the video signal to provide an output video signal; and

wherein the video processor includes an on-screen display for converting the caption text into a video image and a memory for holding the selected lines of the captioned text for an amount of time substantially equal to the assigned respective independent amount of display time and the video processor combines the video image and the video signal to form the output video signal.

10. (Original) The video captioning system of claim 9 wherein the computer is responsive to a command from a user to cause the computer to transmit the data signal that represents the caption text to the first port of the set top box.

11. (Original) The video captioning system of claim 9 wherein the computer is responsive to a predetermined keystroke to transmit the data signal that represents the caption text to the first port of the set top box.

12. (Original) The video captioning system of claim 9 wherein the data signal includes caption text information related to at least one of size, color, style, and location of the caption text, and the video processor uses the caption text information in the creation of the output signal.

13. (Currently Amended) A method of inserting caption text into a video signal comprising:

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receiving, in a computer, a command to transmit a data signal that represents a plurality of lines of caption text stored in the computer;

receiving the data signal in a first port of a set top box;

assigning respective independent amounts of display time to respective selected lines of the plurality of lines of the caption text;

receiving the video signal in a second port of the set top box;

holding the selected lines of the captioned text for an amount of time substantially equal to the assigned respective independent amount of time;

combining the data signal and the video signal to provide an output video signal.

14. (Original) The method of claim 13 further comprising the step of:

programming a video processor in the set top box to convert the data signal to a video image and to combine the video image and the video signal into the output video image.

15. (Currently Amended) A computer readable carrier including computer program instructions which cause a computer to implement a method of inserting caption text into a video signal, the method comprising the steps of:

receiving, in a computer, a command to transmit a data signal that represents a plurality of lines of caption text stored in the computer;

receiving the data signal in a first port of a set top box;

assigning respective independent amounts of display time to respective selected lines of the plurality of lines of the caption text;

receiving the video signal in a second port of the set top box;

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holding the selected lines of the captioned text for an amount of time
substantially equal to the assigned respective independent amount of time;

combining the data signal and the video signal to produce an output video
signal..

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